



MEMORANDUM FOR: Brig. General Andrew Goodpaster
Staff Secretary
The White House

SUBJECT: Maximum Altitude of 650-Nautical Mile Ballistic
Missile

1. The President, at the National Security Council Meeting on 16 January, asked how high a 650-nautical mile (nm) ballistic missile would rise. We have checked and find that, on an optimum trajectory, the maximum altitude is about 160 nm.

2. Additionally, for information, the maximum altitudes for ballistic missiles of ranges 150, 300 and 950 nm are respectively about 60, 110 and 290 nm.

ALLEN W. DULLES
Director

CONCURRENCES:

[Redacted]

Assistant Director/Scientific Intelligence

[Redacted]

Deputy Director/Intelligence

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White House

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Remarks:

Attached is a suggested reply to a question
The President asked at the NSC meeting on 16 Jan.

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